

Cisco Catalyst 9200L - Network Advantage

switch - L3 - Managed - 12 x 100/1000/2.5G/5G/10GBase-T + 36 x 10/100/1000 (PoE+) + 4 x 10 Gigabit Ethernet - rack-mountable - PoE+ (740 W)

Group	Network Equipment
Manufacturer	Cisco
Manufacturer item no.	C9200L-48PXG-4X-A
EAN/UPC	0889728170345



Description

The Cisco Catalyst 9200 Series switch can help customers simplify complexity, optimize IT, and reduce operational costs by leveraging intelligence, automation and human expertise. This switch provides security features that protect the integrity of the hardware as well as the software and all data that flows through the switch. It provides resiliency that keeps your business up and running seamlessly. The C9200L-48PXG-4X-E model has 12 mGig ports, 36 ports 1G PoE+ with 4x 10G SFP+ fixed uplinks. Cisco DNA Advantage subscription licensing is required at time of purchase.

Main features

Product Description	Cisco Catalyst 9200L - Network Advantage - switch - 48 ports - Managed - rack-mountable
Device Type	Switch - 48 ports - L3 - Managed - stackable
Enclosure Type	Rack-mountable
Subtype	Gigabit Ethernet
Ports	12 x 100/1000/2.5G/5G/10GBase-T + 36 x 10/100/1000 (PoE+) + 4 x 10 Gigabit Ethernet
Power Over Ethernet (PoE)	PoE+
PoE Budget	740 W
Performance	Stacking bandwidth: 80 Gbps Switching capacity: 392 Gbps Switching capacity with stacking: 472 Gbps Forwarding rate: 291.66 Mpps
Capacity	Virtual networks: 1 IPv4 routes: 11000 IPv4 routing table entries: 3000 IPv6 routing table entries: 1500 Multicast scale: 1000 ACL scale entries: 1500 FNF entries: 16000 VLANs supported: 1024 Switched virtual interfaces (SVIs): 512 QoS hardware queues per port: 8 Packet buffer size: 6 MB
MAC Address Table Size	16000 entries
Jumbo Frame Support	9198 bytes
Routing Protocol	OSPF, RIP, IS-IS, RIP-1, RIP-2, EIGRP, HSRP, VRRP, PIM-SM, EIGRP for IPv6, OSPFv3, PIM-SSM, MSDP, policy-based routing (PBR), RIPng, MSTP
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, SNMP 3, SNMP 2c, CLI, NETCONF, RESTCONF

Features	ARP support, Spanning Tree Protocol (STP) support, Quality of Service (QoS), Rapid Per-VLAN Spanning Tree Plus (PVRST+), Shaped Round Robin (SRR), PXE support, Remote Switch Port Analyzer (RSPAN), Energy Efficient Ethernet, Management Information Base (MIB), Virtual Routing and Forwarding (VRF), Class of Service (CoS), Flexible NetFlow (FNF), DiffServ Code Point (DSCP) support, MACsec support, Control plane protection (CoPP), Virtual Extensible LAN (VXLAN), Location ID Separation Protocol (LISP), Switched Port Analyzer (SPAN), Security Group Tag (SGT) caching, Embedded Event Manager (EEM), Protocol Independent Multicast (PIM), First Hop Security (FHS), PVLAN support, Committed Information Rate (CIR), Cisco StackWise-80 technology
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3af, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.1ab (LLDP), IEEE 802.3at, IEEE 802.3bz
Power	AC 100-240 V (50 - 60 Hz)
Power Redundancy	Optional
Dimensions (WxDxH)	44.5 cm x 35 cm x 4.4 cm
Weight	5.71 kg

Extended details

General	
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Remote Management Protocol	SNMP 1, RMON 1, RMON 2, SNMP 3, SNMP 2c, CLI, NETCONF, RESTCONF
Encryption Algorithm	128-bit AES
Features	ARP support, Spanning Tree Protocol (STP) support, Quality of Service (QoS), Rapid Per-VLAN Spanning Tree Plus (PVRST+), Shaped Round Robin (SRR), PXE support, Remote Switch Port Analyzer (RSPAN), Energy Efficient Ethernet, Management Information Base (MIB), Virtual Routing and Forwarding (VRF), Class of Service (CoS), Flexible NetFlow (FNF), DiffServ Code Point (DSCP) support, MACsec support, Control plane protection (CoPP), Virtual Extensible LAN (VXLAN), Location ID Separation Protocol (LISP), Switched Port Analyzer (SPAN), Security Group Tag (SGT) caching, Embedded Event Manager (EEM), Protocol Independent Multicast (PIM), First Hop Security (FHS), PVLAN support, Committed Information Rate (CIR), Cisco StackWise-80 technology

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RAM	2 GB
Flash Memory	4 GB
Expansion / Connectivity	
Interfaces	12 x 100/1000/2.5G/5G/10GBase-T RJ-45 36 x 1000Base-T RJ-45 PoE+ 4 x 10GBase-X uplink 1 x network stack device 1 x management (LAN) RJ-45 1 x console RJ-45
Power	
Power Device	Internal power supply - hot-plug
Max Supported Qty	2
Power Redundancy	Optional
Power Provided	1000 Watt
Voltage Required	AC 100-240 V (50 - 60 Hz)
Miscellaneous	
MTBF	337,360 hours
Compliant Standards	CISPR 22 Class A, CISPR 24, EN 61000-3-2, EN 61000-3-3, EN55024, EN 61000-6-1, AS/NZS 60950-1, CCC, ICES-003 Class A, UL 60950-1, IEC 60950-1, EN 60950-1, RoHS, AS/NZS 3548 Class A, BSMI Class A, VCCI Class A, CNS 13438, EN 55022 Class A, FCC CFR47 Part 15 B Class A, EN 300 386, KN32, KN35, EN 55032 Class A, CISPR 32 Class A, CAN/CSA-C22.2 No. 60950-1, TCVN 7189 Class A, V-3 Class A, TCVN 7317, CISPR 35
Dimensions & Weight	
Width	44.5 cm
Depth	35 cm
Height	4.4 cm
Weight	5.71 kg
Manufacturer Warranty	
Service & Support	Limited warranty - replacement - lifetime - response time: next business day Technical support - consulting - 90 days
Environmental Parameters	
Min Operating Temperature	-5 °C
Max Operating Temperature	45 °C
Humidity Range Operating	5 - 90% (non-condensing)
Min Storage Temperature	-40 °C
Max Storage Temperature	70 °C
Humidity Range Storage	5 - 90% (non-condensing)

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